US007668982B2

(12) **United States Patent**
Stroobach et al.

(10) **Patent No.: US 7,668,982 B2**
(45) **Date of Patent: Feb. 23, 2010**

(54) **SYSTEM AND METHOD FOR SYNCHRONOUS PROCESSING OF MEDIA DATA ON AN ASYNCHRONOUS PROCESSOR**

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(*) Notice: Subject to any disclaimer, the term of this patent is extended or adjusted under 35 U.S.C. 154(b) by 466 days.

(21) Appl. No.: **11/313,774**

(22) Filed: **Dec. 22, 2005**

(65) **Prior Publication Data**

US 2006/0143336 A1 Jun. 29, 2006

Related U.S. Application Data

(60) Provisional application No. 60/637,872, filed on Dec. 22, 2004.

(51) **Int. Cl.**
G06F 3/00 (2006.01)
G06F 13/00 (2006.01)

(52) **U.S. Cl.** **710/48**; 710/52

(58) **Field of Classification Search** ..... None
See application file for complete search history.

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(57) **ABSTRACT**

The present invention provides a method and system for processing media data on a host processor. The method and system involve receiving media data, generating clocking signals, transferring media data to host processor buffers, generating media transfer done interrupts for each media data stream and generating an override interrupt to indicate to the host processor to process the media data. The override interrupt has high priority and effectively indicates to the host processor to forgo all other scheduled tasks and to start processing the media data.

11 Claims, 5 Drawing Sheets